Description
CT456 is a spray-applied, modified chloroprene rubber contact adhesive that is ideal for laminating, postforming and similar applications.

Colour
Yellow

Packaging
25 litre drum

Technical Information

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Results (Typical Values)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Modified polychloroprene blend</td>
</tr>
<tr>
<td>System</td>
<td>Solvent evaporation</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.82</td>
</tr>
<tr>
<td>Viscosity (at 20°C)</td>
<td>120 - 280 cps</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Below -20°C</td>
</tr>
<tr>
<td>Coverage</td>
<td>5.0 to 9.0 m² of bonded area per litre</td>
</tr>
<tr>
<td>Open Joint Time</td>
<td>Porous Substrates: Instant to 25 minutes</td>
</tr>
<tr>
<td></td>
<td>Non-Porous Substrates: 5 to 45 minutes</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>+5°C to +25°C</td>
</tr>
</tbody>
</table>

Heat Resistance
-40°C to +120°C
* For the best heat resistance, leave at room temperature for 7 days, before subjecting to high in-service temperatures up to 120°C. Higher temperatures can be tolerated in certain occasions, please refer to CPG technical for more guidance.

Storage
Store in shaded, dry conditions between +5°C and +25°C

Shelf Life
12 months when stored as recommended in original, unopened containers

Necessary Tools
- For optimum results tremco illbruck recommend Binks & DeVilbiss® pumping and application equipment.

Protective Equipment
USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Preparation
- Surfaces must be clean, dry, smooth, firm and free from any traces of contaminant which may affect adhesion.
- Metal surfaces must be degreased using AT200 High Strength Cleaner and completely dry before bonding.

Application
- The adhesive should be applied in a uniform spray, coating both surfaces and bringing substrates together as soon as the coating is dry to the touch.
- Ensure intimate contact and consolidation of the bond is achieved by passing the laminate through nip rollers or by platen pressing using maximum pressure without crushing the components.

Usage / Purpose
CT456 has a variety of industrial applications, but is particularly suited to the postforming of plastic laminates. The adhesive has good temperature resistance, instant grab and high ultimate bond strength, so is suitable for even tight radii postforming. It is also used for bonding a wide range of materials, such as metals, expanded foams, plywood, OSB, particleboard, hardboard and plasterboard.

Key Benefits
- Very high initial grab and ultimate bond strength contact adhesive
- Ideal for laminate postforming, even in tight radii operations
- Improved atomisation allows immediate lay up, eliminates blooming and reduces odour
- Sprayable formulation allows high coverage rates and rapid application times to be achieved
CT456

Sprayable Contact Adhesive

Cleaning
Clean tools, equipment and any uncured adhesive with AT200 High Strength Cleaner.

Please Note
Bonding to painted surfaces is not recommended. Not suitable for bonding expanded polystyrene. Do not use for bonding highly plasticised PVC’s.

Health & Safety Precautions
Safety data sheet must be read and understood before use. Highly flammable - keep away from open flames and other ignition sources.